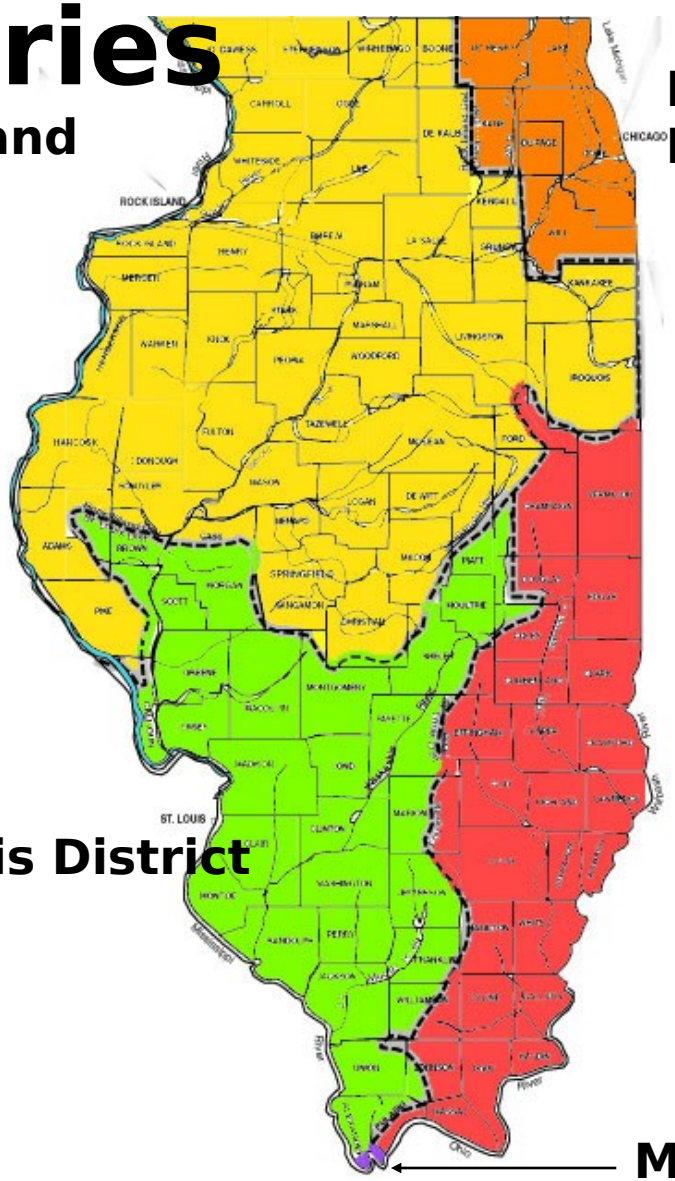
Illinois State Partnering Meeting

U.S. Army Corps of Engineers Programs in Illinois

Geographical Boundaries



MVD/Rock Island District

LRD/Chicago District

LRD/Louisville District

MVD/St. Louis District

MVD/Memphis District

Today's Speakers

US Army Corps of Engineers ®
Rock Island District

Rock Island District Programs in Illinois

Presented by
Col Duane Gapinski, P.E.
Commander
Rock Island District
U.S. Army Corps of Engineers

Geographical Boundaries

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Total Budget FY2005 ($000)

General Investigations*	$ 2,514
Construction, General**	32,800
Operations & Maintenance	86,145
Total	$121,459

*Includes Miscellaneous GI Items
**Includes Inland Waterways Trust Fund, Total EMP (3 Districts), and CAP (According to Database)

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General Investigations in Illinois
FY 2005
($000)

• IL River Basin Restoration		$400
• IL River Ecosystem Restoration (PED)		200
• Rock River Basin Ecosystem Restoration, IL		200
• UMR Comprehensive Plan		944
• UMR & IL Navigation Study (Feas)		0
• Peoria Riverfront Dev. (PED)	100	
• IL River at Beardstown	32	
• Keith Creek, Rockford, IL		32
• Miscellaneous	300	
TOTAL	$ 2,208	

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Illinois River Basin Restoration (519)

- **Problem: Sedimentation, Altered Hydrology, & Other Effects Have Degraded the Ecosystem**
- **Project: Development of Comprehensive Plan, Evaluation & Implementation of Critical Restoration Projects, & Implementation of Long-Term Monitoring**

- **FY05 Work: Complete Plans & Specs & Implement Critical Restoration Projects & Initiate IL River Basin Monitoring Program**
- **Budget Request for FY05: $400,000**
- **Total Estimated Cost: $9,210,000 ($6,162,000 Fed)**
- **Completion Date: June 2006**

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Illinois River Ecosystem Restoration IL

- **Problem: Sedimentation, Altered Hydrology & Other Effects Have Degraded the Ecosystem**
- **Project: Analysis of Potential Restoration Activities for Fish & Wildlife Habitat**

- **FY05 Work: Complete Feasibility**
- **Budget Request for FY05: $200,000**
- **Total Estimated Cost: $5,630,000 ($2,865,000 Fed)**
- **Completion Date: March 2008**

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Rock River, IL

- **Problem: Preserve Ecosystem Basin**
- **Study: Development of System-Wide Management Plan in Partnership With State & Federal Agencies**

- **FY05 Work: Complete Restoration Needs Assessment & Formulate System Alternatives**
- **Budget Request for FY05: $200,000**
- **Total Estimated Cost: $1,940,000 ($1,020,000 Fed)**
- **Completion Date: September 2006**

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Comprehensive Plan

- **Problem: Region Lacks a Systemic Plan for Flood Damage Reduction**
- **Project: Plan Formulation & Alternative Evaluation**

- **FY05 Work: Complete Alternative Analysis Evaluation**
- **Budget Request for FY05: $944,000**
- **Total Estimated Cost: $5.9 M**
- **Completion Date: December 2007**

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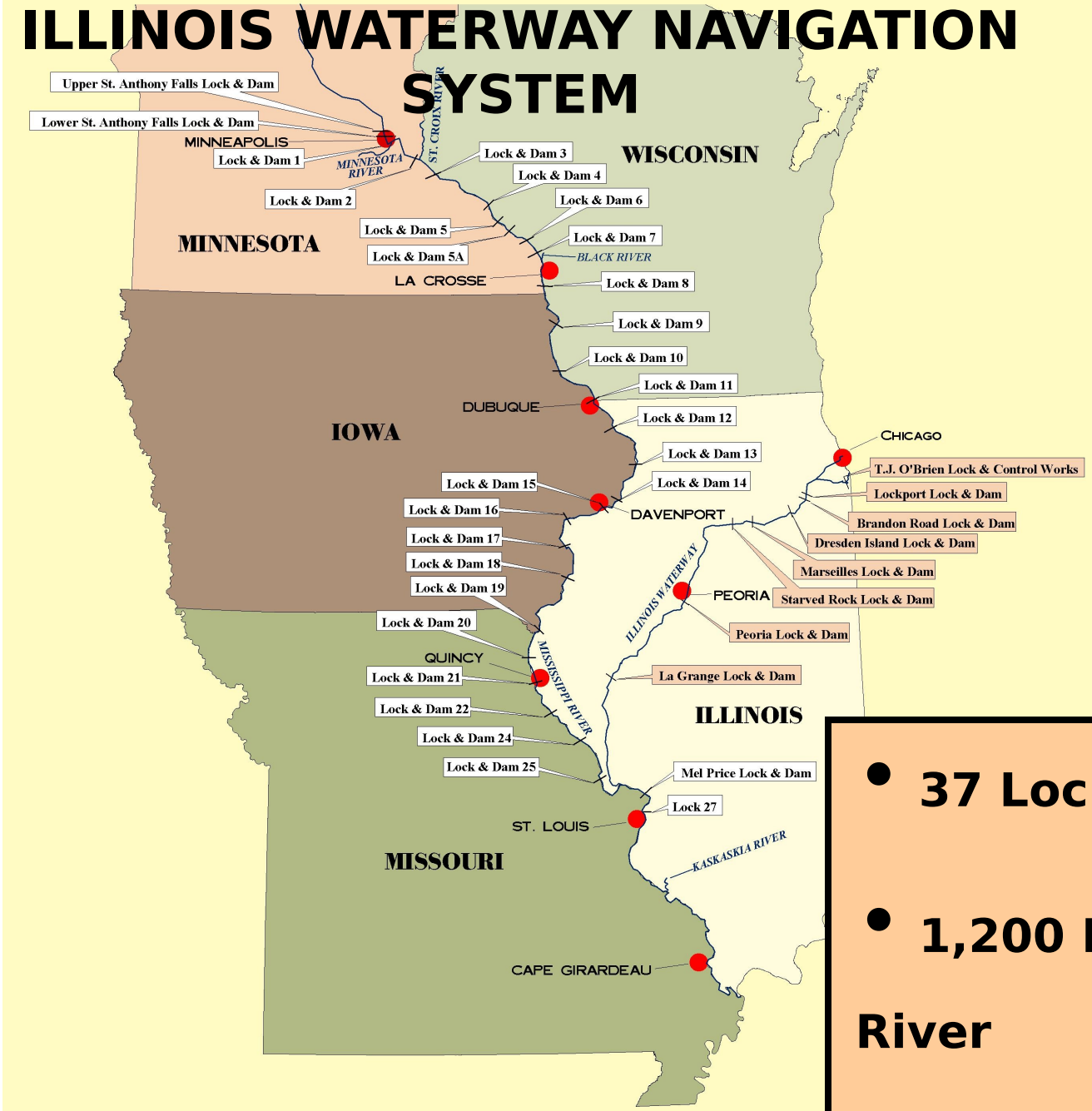
Restructured Navigation Study

- **Scope: Focus on Authorized Federal Navigation Projects and the Ecological and Floodplain Resources That Are Affected by These Projects.**

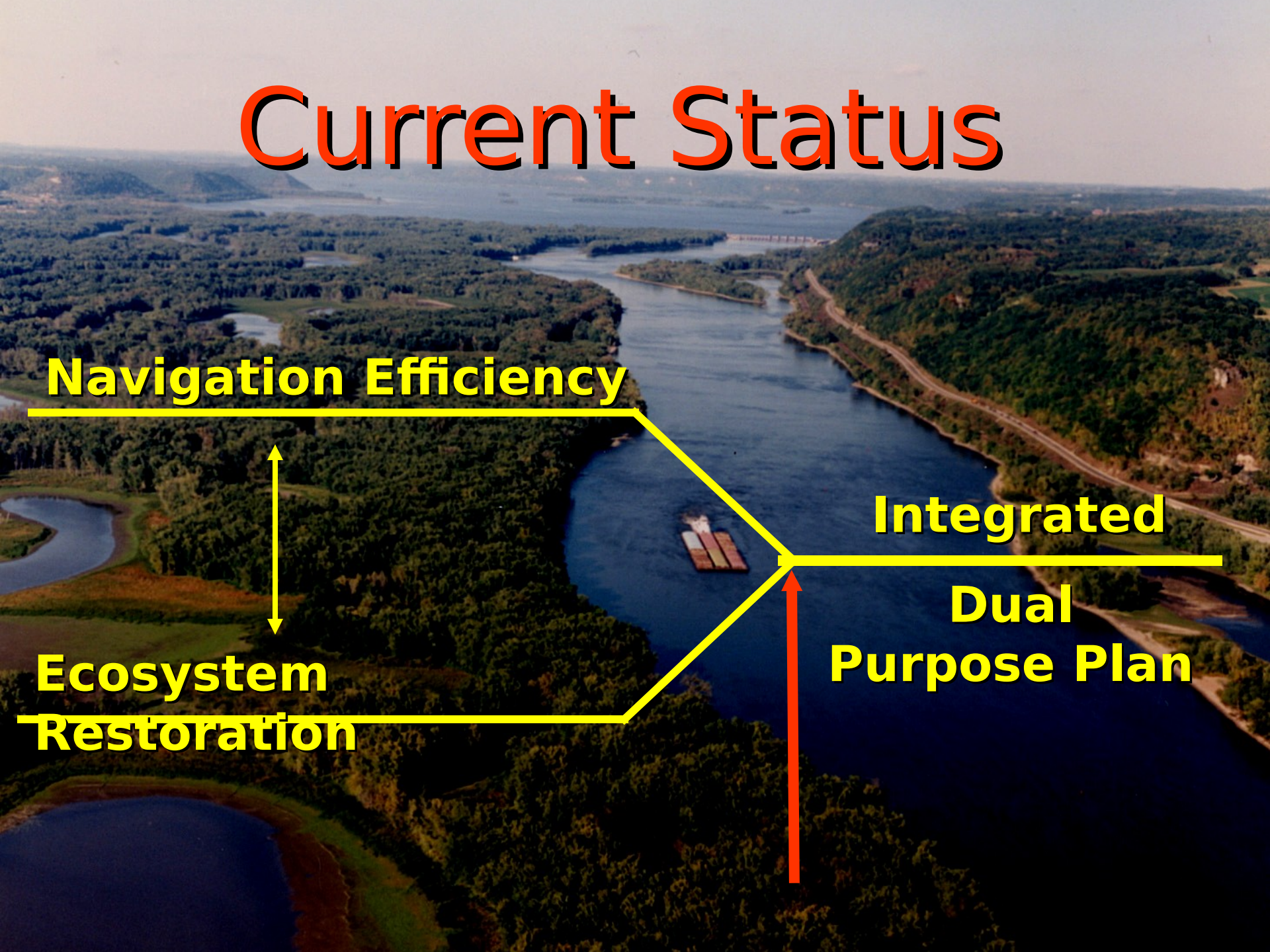
- **Objectives**
  - **Improve Navigation Efficiency.**
  - **Achieve Environmental Sustainable System.**
  - **Address Ecosystem, Floodplain Management Needs Related to Navigation.**

UPPER MISSISSIPPI RIVER – ILLINOIS WATERWAY NAVIGATION SYSTEM



- **37 Lock Sites**
- **1,200 Miles of River**

Current Status



Navigation Efficiency Draft Tentatively Selected Plan

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Approve Conceptual Framework That Blends Alt 4 & 6

Authorize and Implement Alternative 4 at $84 M:

- **Mooring Facilities @ 12, 14, 18, 20, 22, 24 and Lagrange**
- **Switchboats @ 20-25**
- **Initiate Mitigation for Effects Based on Alternative 4**
- **Continue Development and Testing of an Appointment Scheduling System.**

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Navigation Efficiency Draft Tentatively Selected Plan

Approve Conceptual Framework That Blends Alt 4 & 6

Recommend Approval of Alternative 6 at $2.3 B As a Framework to Include:

- **New 1,200’ Locks at 20-25, LaGrange, Peoria**
- **1,200’ Lock Extensions 14-18**
- **Adaptive Management Concepts**
- **Checkpoints Requiring Congressional Approval**
- **Continued Monitoring of Economic Factors**
- **Initiation of Planning, Engineering and**

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Ecosystem Restoration Measures

- Island Building
- Fish Passage
- Floodplain Restoration
- Water Level Management
- Backwater Restoration
- Side Channel Restoration
- Wing Dam/Dike Alteration
- Island/Shoreline Protection
- Topographic Diversity
- Dam Point Control

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Ecosystem Restoration Tentative Recommendation

Approve Conceptual Framework of Alternative D* $ 5.3 Billion 50-yr Plan

- Authorize Initial Incremental (@7-12yrs) Strategy; Develop With Stakeholder
  - Best Return on Investment
  - Best Gains in Diversity
  - Additional Knowledge Required to Guide Future Investments
- Additional Implementation Strategies Under Consideration
- Programmatic & Project Specific Authority

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Ecosystem Restoration Tentative Recommendation

Approve Conceptual Framework of Alternative D* $ 5.3 Billion 50-yr Plan

- **Report Back to Committee After 7-12 Yrs**
  - **Assessment of Program**
  - **Recommendations for Modifications**
  - **Potential Further Authorization**
- **Cost Sharing Option C**
  - **100% Federal on Project Lands, NWR, & Other Specific Lands**

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Feasibility Study Schedule

- **Alternative Formulation Briefing** **Feb 04**

  Tentative Recommended Plan Identified

- **Draft Feasibility Report** **Apr 04**
- **Stakeholder & Public Review** **May - Jul 04**
- **Public Meetings** **Jun 04**
- **Final Feasibility Report w/EIS** **Sep 04**
- **NRC Review Final Feasibility Report** **Oct - Nov 04**
- **Chief's Report** **Nov 04**

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Peoria Riverfront Development, IL

- **Problem: Sedimentation of Peoria Lake**
- **Project: Restoration of Fish & Wildlife Habitat**
- **FY05 Work: Completion of PED**
- **Budget Request for FY05: $100,000**
- **PED Total Estimated Cost: $1,840,000 ($1,380,000 Fed)**
- **PED Completion Date: September 2006**

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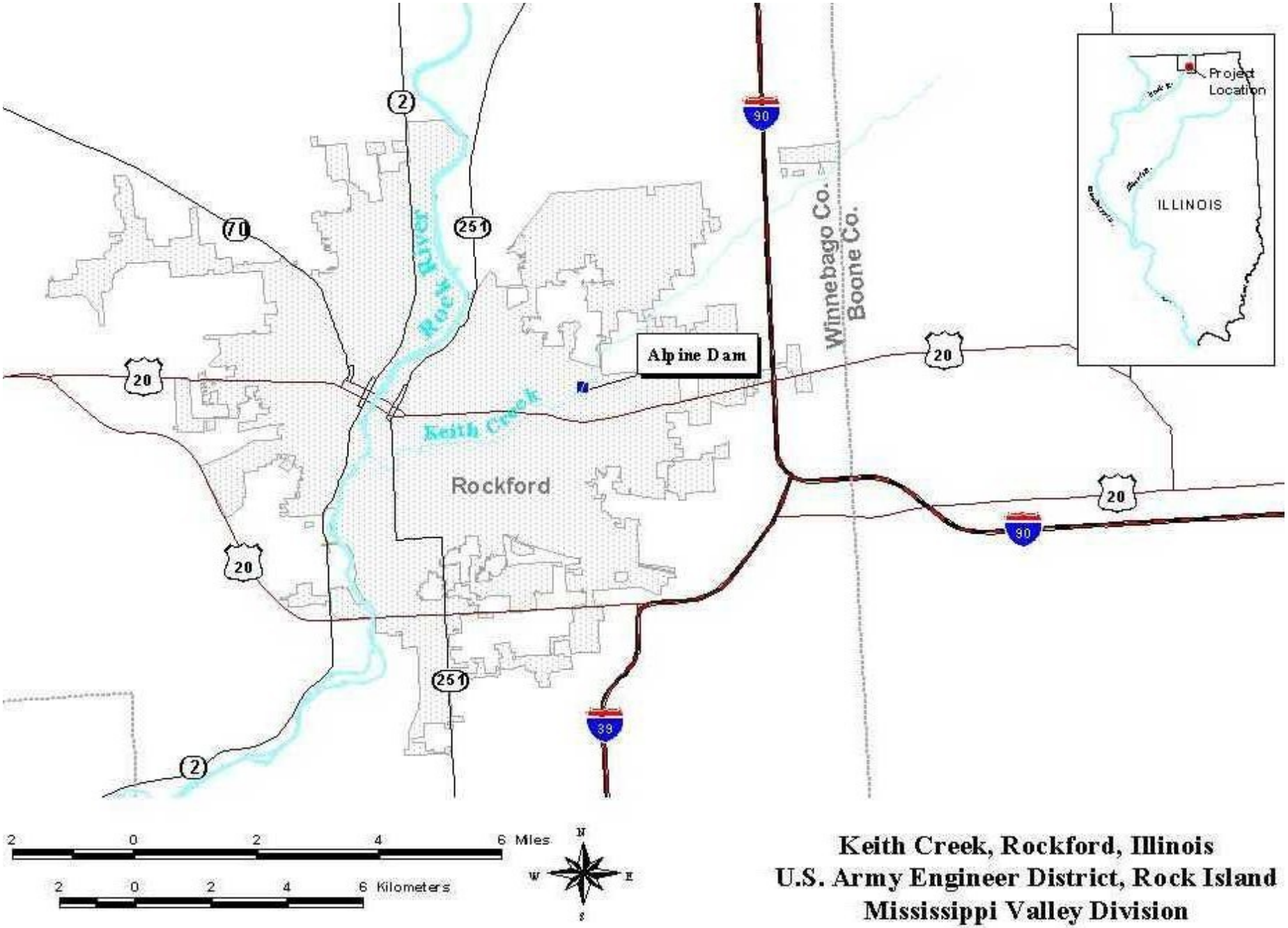
Illinois River at Beardstown, IL

- **Problem: Reduced River Access**
- **Project: Examine Modifications & Recommendations for Flood Damage Reduction, Navigation, Recreation & Related Water Resource Needs**
- **FY05 Work: Continue Feasibility Study, If Warranted**
- **Budget Request for FY05: $32,000**
- **Total Estimated Cost: $1,750,000 ($925,000 Fed)**
- **Completion Date: August 2004**



Keith Creek, Rockford, Illinois
U.S. Army Engineer District, Rock Island
Mississippi Valley Division

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Keith Creek, Rockford, IL

- **Problem: Recurrent Flooding**
- **Project: Determine If Any Modifications or Recommendations Are Advisable to Address Flood Damage Reduction Measures**

- **FY05 Work: Initiate Feasibility Study, If Found To Be Justified**
- **Budget Request for FY05: $32,000**
- **Total Estimated Cost: $1,410,000 ($755,000 Fed)**
- **Completion Date: September 2009**

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Construction, General in Illinois
FY2005
($000)

EMP (3 District Total)	$5,448
L&D 19 (MR)*	4,800
IL River Basin Restoration	0
Subtotal	$10,248
Continuing Authorities**	$ 13,800
TOTAL	$24,048

* Includes Inland Waterways Trust Fund.
** Requirements According to CAP Database

Environmental Management Program (EMP)

Current Projects	Status
Banner Marsh	Construction Completion (Dec 03)
Lake Chautauqua	Construction Completion (Dec 03)
Gardner Division	Construction Completion (Sept 05)
Pool 12 Overwintering	Feasibility Completion (Sept 04)
	Construction Start (Sched. July 07)*
Rice Lake	Feasibility Completion (Sept 04)
	Construction Start (Sched. June 07)*

Additional EMP Projects Being Done by St. Louis District are Batchtown, Calhoun Point, Salt Lake/Ft. Chartres, & Stone Dike Alterations.

* ***Dependent on Funding***

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Mississippi River Lock & Dam 19

- **Problem: Aging Infrastructure**
- **Project: Rehabilitate the Lock**

- **FY05 Work: Initiate Construction of the Lock Rehabilitation**
- **Budget Request for FY05: $4,800,000**
- **Total Estimated Cost: $21,400,000**
- **Completion Date: September 2007**

Operations & Maintenance

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Operations & Maintenance in Illinois FY2005 ($000)

• Mississippi River	$42,473
• IL Waterway	33,273
• Inspect. Compl. Works	191
• Farm Creek	192
TOTAL	$76,129

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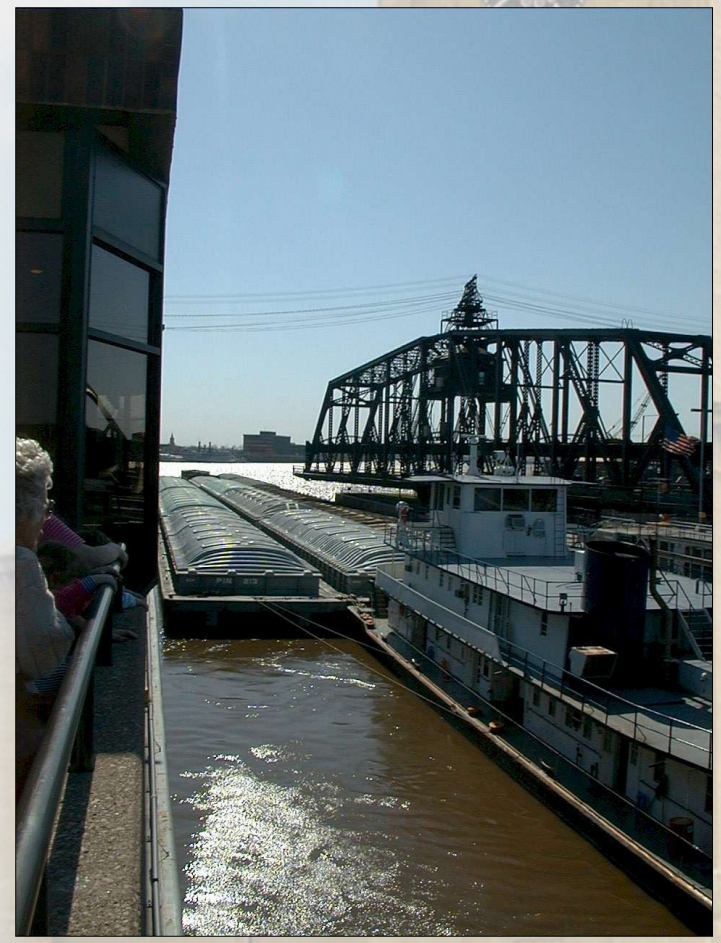
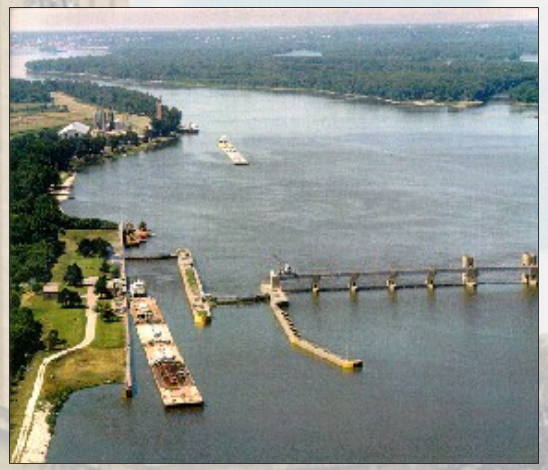
FY2005 Mississippi River Project ($42,473,000)





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FY2005 Illinois Waterway Project ($33,273,000)

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Operations & Maintenance FY 2005 Challenges

- **Critical Backlog**
  $110,000,00
- **Total Backlog**
  $241,672,00

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Regulatory Program

Average Annual Permit Actions in the Rock Island District

Individual Permits	131
Permit Denials	5
Letters of Permission	32
Regional Permits	40
Nationwide Permit Verifications	1,180
No Permit Required Determinations	307
Total Yearly Permit Actions	1,695

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Rock Island District

Points of Contact

- **Construction**
  Dan Holmes, Chief
  309-794-5480

- **Operations**
  Kenn Shoemaker, Chief
  309-794-5501

- **Contracting**
  Rhonda Johanson, Chief
  309-794-5488

- **Planning, Programs & Project Management**
  Gary Loss, Chief
  309-794-5260

- **Engineering**
  Charles Spitzack, Acting Chief
  309-794-5226

- **Regulatory**
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Rock Island District Website: www.mvr.usace.arm

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U.S. Army Corps of Engineers Programs in Illinois